

Serial No. 09/008965

Response dated August 18, 2004

Response to Final Office Action dated March 18, 2004

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**Amendments to the Specification:**

Please replace the title of the invention with the following title:

**A CONNECTOR ASSEMBLY FOR ATTACHING PERPENDICULARLY TO AN ADAPTER CARD**

Please replace the paragraph beginning on line 4, page 5, with the following amended paragraph:

Referring also now to FIG 3, a cross sectional view of receptacle 102 taken along cross section 3-3 of FIG 1 is illustrated. As depicted in FIG 3, housing 104 defines an annular ring that includes an interior surface 107. A pair of opposing probe guides 118 are located on interior surface 107. Probe guides ~~107~~ 118 are configured to engage a guide slot in an outer surface of the probe cover to facilitate the proper orientation of the probe when it is inserted into receptacle 102. As depicted in FIG 3, receptacle 102 includes a pair of contact blocks 106 to accommodate a greater number of connections. Other embodiments of the invention may employ a greater or fewer number of contact blocks. A set of contact structures 120 are embedded in each contact block 106. Each contact structure 120 extends into the shaft space 119 defined by housing 104 and is connected to a corresponding wire 108. The set of contact structures 120 are configured in one or more rows that are oriented along a longitudinal axis of housing 104. Contacts 120 may be spring loaded or otherwise enabled to retract from shaft space 119.